



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KEUN-HO SHIN

Serial No.: 09/484,057

Examiner: PAYNE, DAVID C.

Filed: 18 January 2000

Art Unit: 2633

For: OPTICAL FILTER AND APPARATUS AND METHOD FOR MONITORING  
OPTICAL CHANNEL USING THE OPTICAL FILTER

**INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

SEP 17 2004

Technology Center 2600

Mail Stop:  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**OTHER DOCUMENT(S):**

- [www.whatis.com](http://www.whatis.com) (also known as "techttarget") definitions for "modulation" ([http://searchnetworking.techtarget.com/sDefinition/0,,sid7\\_gci212586,00.html](http://searchnetworking.techtarget.com/sDefinition/0,,sid7_gci212586,00.html)) and "multiplexing" ([http://searchnetworking.techtarget.com/sDefinition/0,,sid7\\_gci212586,00.html](http://searchnetworking.techtarget.com/sDefinition/0,,sid7_gci212586,00.html))

09/16/2004 EAREGAY1 00000006 09484057

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180.00 0P

In accordance with the duty of disclosure under 37 C.F.R. § 1.66 and §§ 1.97-1.99, the undersigned attorney hereby certifies that no item of information cited herein was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained herein was known to any individual designated in § 1.56(c) more than three months prior to the filing of this information disclosure statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

The fee of \$180.00 is incurred by this Statement pursuant to 37 CFR §1.17(p) and §1.97(d)(2) accompanies this statement.

Respectfully submitted,



Robert E. Bushnell  
Reg. No.: 27,774  
Attorney for the Applicant

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Folio: P55955  
Date: 15 September 2004  
I.D.: REB/ML

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision.



TOTAL AMOUNT OF PAYMENT

(\$180.00)

**METHOD OF PAYMENT (check one)**1.  The Commissioner is hereby authorized to charge any deficiencies:

Deposit Account Number: 02-4943

 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

 Applicant claims small entity status. See 37 CFR 1.27
2.  Payment Enclosed:

(CHECK #48091)

 Check  Credit Card  Money Order  Other
**FEES CALCULATION**1. **BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

**SUBTOTAL (1)** (\$0.00)2. **EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total claims	-20** =	x 18.00	=
Independent Claims	- 3** =	x 86.00	=

Multiple Dependent

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$0.00)

Complete If Known	
Application Number	09/484,057
Filing Date	18 January 2000
First Named Inventor	KEUN-HO SHIN
Examiner Name	Payne, David C.
Group/Art Unit	2633
Attorney Docket No.	P55955

**FEES CALCULATION (continued)****RECEIVED**

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Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge-late filing fee or oath	\$
1052	50	2052 25 Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053 130 Non-English specification	\$
1812	2,520	1812 2,520 For filing a request for reexamination	\$
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	\$
1251	110	2251 55 Extension for reply within first month	\$
1252	420	2252 210 Extension for reply within second month	\$
1253	950	2253 475 Extension for reply within third month	\$
1254	1,480	2254 740 Extension for reply within fourth month	\$
1255	2,010	2255 1,005 Extension for reply within fifth month	\$
1401	330	2401 165 Notice of Appeal	\$
1402	330	2402 165 Filing a brief in support of an appeal	\$
1403	290	2403 145 Request for oral hearing	\$
1451	1,510	1451 1,510 Petition to institute a public use proceeding	\$
1452	110	2452 55 Petition to revive - unavoidable	\$
1453	1,330	2453 665 Petition to revive - unintentional	\$
1501	1,330	2501 665 Utility issue fee (or reissue)	\$
1502	480	2502 240 Design issue fee	\$
1503	640	2503 320 Plant issue fee	\$
1460	130	1460 130 Petitions to the Commissioner	\$
1807	50	1807 50 Processing fee for provisional applications	\$
1806	180	1806 180 Submission of Information Disclosure Statement	\$180.00
8021	40	8021 40 Recording each patent assignment per property (Times number of properties)	\$
1809	770	2809 385 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810 385 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801 385 Request for Continued Examination (RCE)	\$
Other Fee (specify) _____			
Other Fee (specify) _____			

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** \$180.00**Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.			Reg. Number	27,774
Signature		Date	15 September 2004	Deposit Account User ID	

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EB/as

<b>INFORMATION DISCLOSURE STATEMENT</b>  <b>PTO-1449 (PAGE 1 OF 1)</b>	<b>SERIAL NUMBER</b> 09/484,057	<b>DOCKET NO.</b> P55955
	<b>APPLICANT</b> KEUN-HO SHIN	
	<b>FILING DATE</b> 18 January 2000	<b>GROUP</b> 2633

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

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**EXAMINER:**

**DATE CONSIDERED:**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.